





**ALLIAGE ALUMINIUM-SILICIUM-MAGNESIUM POUR CARROSSERIE  
AUTOMOBILE**

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**Abstract of FR2748035**

The invention discloses an aluminium alloy, to be used particularly in the manufacture of the external parts of a motor vehicle body, of the following composition (wt.%): Si: 0.5-0.8, Mg 0.45-0.65, Cu: 0.55-0.75, Mn and/or Cr: 0.1-0.3 with  $1.6 < \text{Si} + \text{Mg} + \text{Cu} < 2.0$ . The composition of the invention provides high mechanical strength following an easy solution-treatment step and paint curing at 150 to 170 DEG C.

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